L Number	Hits	Search Text	DB	Time stamp
1	7689	valid\$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/25 15:56
2	1286	invalid\$3 adj (bit or indicator or flag or semaphore)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/25 15:03
3	2226	(dirty or modified) adj (bit or indicator or flag or semaphore)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/25 15:04
4	3264	mark\$3 near3 (dirty or modified)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/25 15:04
5	1974	mark\$3 near3 valid\$3	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:04
6	1961	mark\$3 near3 invalid\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:04
7	3469580	fill\$3 or load\$3 or refill\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:04
8	89325	(fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:05
9	142638	(fill\$3 or load\$3 or refill\$3) same (disk or dasd or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:05
12	15780	(miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:43
13	456	<pre>((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:06
14	99	<pre>(((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25
15	1456		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:07

38 16 9 79 2704	modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))) ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)) (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)) (page or segment) same (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))) (miss\$3 or mis-hit) near2 (page or segment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:07 2003/11/25 15:07 2003/11/25 15:11 2003/11/25 15:18
9 79 2704	modified))) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))) ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)) (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)) (page or segment) same (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))) (miss\$3 or mis-hit) near2 (page or segment)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	15:07 2003/11/25 15:11 2003/11/25 15:18
9 79 2704	or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)) (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)) (page or segment) same (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))) (miss\$3 or mis-hit) near2 (page or segment) ((fill\$3 or load\$3 or refill\$3) same	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	15:07 2003/11/25 15:11 2003/11/25 15:18
79 2704	invalid\$3)) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)) (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)) (page or segment) same (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))) (miss\$3 or mis-hit) near2 (page or segment)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	15:11 2003/11/25 15:18 2003/11/25
79 2704	<pre>indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) same ((fill\$3 or load\$3 or refill\$3) with (disk or dasd or disc)) (page or segment) same (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))) (miss\$3 or mis-hit) near2 (page or segment)</pre> ((fill\$3 or load\$3 or refill\$3) same	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	15:11 2003/11/25 15:18 2003/11/25
2704	(page or segment) same (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same ((miss\$3 or mis-hit) same (fill\$3 or load\$3 or refill\$3))) (miss\$3 or mis-hit) near2 (page or segment) ((fill\$3 or load\$3 or refill\$3) same	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	15:18 2003/11/25
	<pre>(miss\$3 or mis-hit) near2 (page or segment) ((fill\$3 or load\$3 or refill\$3) same</pre>	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	1
9	((fill\$3 or load\$3 or refill\$3) same		
	(disk or dasd or disc)) same ((miss\$3 or mis-hit) near2 (page or segment))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:47
80	<pre>((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:47
17	<pre>((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified)))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:48
40	<pre>cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
12	cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 15:48
5	<pre>(((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified)))) not (cach\$3 same (((miss\$3 or mis-hit)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
		flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))) 12 cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified)))) 5 (((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 (dirty or modified))) not (cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified) adj (bit or indicator or flag	flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))) 12 cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified)))) 5 (((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified)))) 6 ((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified))) 7 cor (mark\$3 near3 (dirty or modified))) 8 cach\$3 same (((dirty or modified))) 9 cach\$3 same (((dirty or modified))) 10 cach\$3 same (((miss\$3 or mis-hit) not (cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same (((dirty or modified))))

		_		
24	40	(((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))) not (cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:48
26	39743	dma or (direct adj memory adj access\$3) or dmac	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:49
27	33	<pre>(dma or (direct adj memory adj access\$3) or dmac) same ((miss\$3 or mis-hit) near2 (page or segment))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:50
28	0	((dma or (direct adj memory adj access\$3) or dmac) same ((miss\$3 or mis-hit) near2 (page or segment))) and (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))) not (cach\$3 same ((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:50
29	16	invalid\$3))))) (dma or (direct adj memory adj access\$3) or dmac) and (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3))) not (cach\$3 same (((miss\$3 or mis-hit) near2 (page or segment)) same ((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore)) or (mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 15:51

30	24	((((miss\$3 or mis-hit) near2 (page or	USPAT;	2003/11/25
!		segment)) same ((valid\$3 adj (bit or	US-PGPUB;	15:55
		indicator or flag or semaphore)) or	EPO; JPO;	
		(invalid\$3 adj (bit or indicator or flag	DERWENT;	
		or semaphore)) or (mark\$3 near3 valid\$3)	IBM TDB	
		or (mark\$3 near3 invalid\$3))) not (cach\$3	-	
		same (((miss\$3 or mis-hit) near2 (page or		
	İ	segment) same ((valid\$3 adj (bit or		
	i	indicator or flag or semaphore)) or		
		(invalid\$3 adj (bit or indicator or flag		
	ļ	or semaphore)) or (mark\$3 near3 valid\$3)	l .	
		or (mark\$3 near3 invalid\$3)))) not ((dma		
İ		or (direct adj memory adj access\$3) or		
		dmac) and (((miss\$3 or mis-hit) near2		
		(page or segment)) same ((valid\$3 adj		
		1		1
	1	(bit or indicator or flag or semaphore))		
		or (invalid\$3 adj (bit or indicator or		
		flag or semaphore)) or (mark\$3 near3		
		valid\$3) or (mark\$3 near3 invalid\$3)))		
		not (cach\$3 same (((miss\$3 or mis-hit)		
		near2 (page or segment)) same ((valid\$3		
		adj (bit or indicator or flag or		
		semaphore)) or (invalid\$3 adj (bit or		
		indicator or flag or semaphore)) or		
		(mark\$3 near3 valid\$3) or (mark\$3 near3		
	4104	invalid\$3))))))		/
31	4104	, · · · · · · · · · · · · · · · · · · ·	USPAT;	2003/11/25
		or dmac) near5 (mark\$3 or set or setting	US-PGPUB;	15:56
	ĺ	or clear or reset or update)	EPO; JPO;	
	ŀ		DERWENT;	
1 00		.,,,	IBM_TDB	0000 /11 /05
32	960	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT;	2003/11/25
		or dmac) near5 (mark\$3 or set or setting	US-PGPUB;	15:56
		or clear or reset or update)) near10 (bit	EPO; JPO;	
		or indicator or flag or semaphore)	DERWENT;	
	İ		IBM_TDB	
35	5	modified with (((dma or (direct adj	USPAT;	2003/11/25
	1	memory adj access\$3) or dmac) near5	US-PGPUB;	15:57
1		(mark\$3 or set or setting or clear or	EPO; JPO;	
		reset or update)) near10 (bit or	DERWENT;	
1		indicator or flag or semaphore))	IBM_TDB	
34	19	,	USPAT;	2003/11/25
		adj access\$3) or dmac) near5 (mark\$3 or	US-PGPUB;	15:58
1		set or setting or clear or reset or	EPO; JPO;	
1		update)) near10 (bit or indicator or flag	DERWENT;	
		or semaphore))	IBM_TDB	
33	73	(valid\$3 or invalid\$3) with (((dma or	USPAT;	2003/11/25
1		(direct adj memory adj access\$3) or dmac)	US-PGPUB;	16:00
		near5 (mark\$3 or set or setting or clear	EPO; JPO;	
		or reset or update)) near10 (bit or	DERWENT;	
		indicator or flag or semaphore))	IBM_TDB	
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L Number	Hits	Search Text	DB	Time stamp
1	6750	valid\$3 adj (bit or indicator or flag or semaphore)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/25 14:10
2	1130	invalid\$3 adj (bit or indicator or flag or semaphore)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/25 14:10
3	1992	(dirty or modified) adj (bit or indicator or flag or semaphore)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/25 14:10
4	3262	mark\$3 near3 (dirty or modified)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/25
5.	1974	mark\$3 near3 valid\$3	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:10
6	1961	mark\$3 near3 invalid\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:10
7	39743	dma or (direct adj memory adj access\$3) or dmac	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/25
8	75956	cach\$3	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:15
9	131	<pre>((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25
10	87	cach\$3 and (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:16
12	51	((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:16
13	37	<pre>(((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) and cach\$3</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:17
15	0	(((mark\$3 near3 (dirty or modified)) and (mark\$3 near3 valid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:18
16	1	<pre>(((mark\$3 near3 (dirty or modified)) and (mark\$3 near3 valid\$3)) same (dma or (direct adj memory adj access\$3) or dmac))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:17

Search History 11/25/03 2:45:10 PM

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11	44	(((valid\$3 adj (bit or indicator or flag	USPAT;	2003/11/25
		or semaphore)) or (invalid\$3 adj (bit or	US-PGPUB;	14:18
		indicator or flag or semaphore))) same	EPO; JPO;	
		(dma or (direct adj memory adj access\$3)	DERWENT;	
		or dmac)) not (cach\$3 and (((valid\$3 adj	IBM TDB	
		(bit or indicator or flag or semaphore))		
		or (invalid\$3 adj (bit or indicator or		
		flag or semaphore))) same (dma or (direct		
		adj memory adj access\$3) or dmac)))		
14	14		USPAT;	2003/11/25
1.		indicator or flag or semaphore)) same	US-PGPUB;	14:23
		(dma or (direct adj memory adj access\$3)	EPO; JPO;	
		or dmac)) not (((dirty or modified) adj	DERWENT;	
		(bit or indicator or flag or semaphore))	IBM TDB	
		same (dma or (direct adj memory adj	1511_155	
		access\$3) or dmac)) and cach\$3)		
17	9		USPAT;	2003/11/25
1,	1	invalid\$3)) same (dma or (direct adj	US-PGPUB;	14:27
		memory adj access\$3) or dmac)) not cach\$3	EPO; JPO;	13.27
	i	memory adj accessys, or dmac, not cachys	DERWENT;	
			IBM TDB	
18	13	((mark\$3 near3 (dirty or modified)) same	USPAT;	2003/11/25
18	13	(dma or (direct adj memory adj access\$3)	US-PGPUB;	14:29
			1	14.29
		or dmac)) not cach\$3	EPO; JPO; DERWENT;	1
			IBM TDB	
19	376	(((valid\$3 adj (bit or indicator or flag	USPAT;	2003/11/25
19	3/6	or semaphore)) or (invalid\$3 adj (bit or	US-PGPUB;	14:30
		indicator or flag or semaphore)) or		14.50
		(mark\$3 near3 valid\$3) or (mark\$3 near3	EPO; JPO; DERWENT;	
		invalid\$3)) and (dma or (direct adj	IBM TDB	
		memory adj access\$3) or dmac)) not cach\$3	I TOM_I DO	
20	1020		HCDATE.	2003/11/25
20	1039	((valid\$3 or invalid\$3) same (dma or	USPAT; US-PGPUB;	14:32
	1	(direct adj memory adj access\$3) or		14:32
		dmac)) not cach\$3	EPO; JPO; DERWENT;	
	1			
21	775	//distr on modified) same /dma on /district	IBM_TDB	2003/11/25
21	775	((dirty or modified) same (dma or (direct	USPAT;	14:31
		adj memory adj access\$3) or dmac)) not	US-PGPUB;	14:21
		cach\$3	EPO; JPO;	
			DERWENT;	
2.2		///	IBM_TDB	2002/11/25
22	95	(((valid\$3 or invalid\$3) same (dma or	USPAT;	2003/11/25
		(direct adj memory adj access\$3) or	US-PGPUB;	14:31
		dmac)) not cach\$3) and (((dirty or	EPO; JPO;	
		modified) same (dma or (direct adj memory	DERWENT;	
	1	adj access\$3) or dmac)) not cach\$3)	IBM TDB	

23	64	((((valid\$3 or invalid\$3) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) and (((dirty or modified) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3)) not ((((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)) not (cach\$3 and (((valid\$3 adj (bit or indicator or flag or semaphore))) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)))) or ((((dirty or modified) adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)))) or ((((dirty or modified) adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)) not ((((dirty or modified) adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)) and cach\$3)) or ((((mark\$3 near3 valid\$3)) or (mark\$3 near3 invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) or (((mark\$3 near3 (dirty or modified))) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) or ((mark\$3 near3 (dirty or modified))) same (dma or (direct adj memory adj access\$3)) or dmac)) not	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:31
24	172	<pre>cach\$3)) (((mark\$3 or indicat\$3) near5 (valid\$3 or invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:32
25	29	(((mark\$3 or indicat\$3) near5 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/25 14:33
26	2	<pre>((((mark\$3 or indicat\$3) near5 (valid\$3 or invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) and (((mark\$3 or indicat\$3) near5 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:33
28	14	<pre>((((mark\$3 or indicat\$3) near5 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) not (((((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac)) not (cach\$3 and (((valid\$3 adj (bit or indicator or flag or semaphore)) or (invalid\$3 adj (bit or indicator or flag or semaphore))) same (dma or (direct adj memory adj access\$3) or dmac))) or ((((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) not ((((dirty or modified) adj (bit or indicator or flag or semaphore)) same (dma or (direct adj memory adj access\$3) or dmac)) and cach\$3)) or ((((mark\$3 near3 valid\$3) or (mark\$3 near3 invalid\$3)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3) or (((mark\$3 near3 (dirty or modified)) same (dma or (direct adj memory adj access\$3) or dmac)) not cach\$3))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 14:34

27	136	((((mark\$3 or indicat\$3) near5 (valid\$3	USPAT;	2003/11/25
		or invalid\$3)) same (dma or (direct adj	US-PGPUB;	14:35
		memory adj access\$3) or dmac)) not	EPO; JPO;	
		cach\$3) not (((((valid\$3 adj (bit or	DERWENT;	
		indicator or flag or semaphore)) or	IBM TDB	ŀ
	!	(invalid\$3 adj (bit or indicator or flag	_	
		or semaphore))) same (dma or (direct adj]	
		memory adj access\$3) or dmac)) not		
		(cach\$3 and (((valid\$3 adj (bit or		
		indicator or flag or semaphore)) or		
		(invalid\$3 adj (bit or indicator or flag		
		or semaphore))) same (dma or (direct adj		
		memory adj access\$3) or dmac()))) or		
		((((dirty or modified) adj (bit or		
		indicator or flag or semaphore)) same		
		(dma or (direct adj memory adj access\$3)		
		or dmac)) not (((dirty or modified) adj		
		(bit or indicator or flag or semaphore))		
		same (dma or (direct adj memory adj		
		access\$3) or dmac)) and cach\$3)) or		
		((((mark\$3 near3 valid\$3) or (mark\$3		
		near3 invalid\$3)) same (dma or (direct		
		adj memory adj access\$3) or dmac)) not		
		cach\$3) or (((mark\$3 near3 (dirty or		
		modified)) same (dma or (direct adj		
		memory adj access\$3) or dmac)) not		
		cach\$3))		
		USS	1	II.